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Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No

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#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known						
Application Number	09/903,457					
Filing Date	07/10/2001					
First Named Inventor	Kuriacose Joseph					
Art Unit	2166					
Examiner Name	Kalinowski, A.					
Attorney Docket Number	5214P001RD3					

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	24	EP	0 570 683	A3	11.24.1993	International Business Machines Corporation		
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191	26	EP	0 399 300	A2	11.28.1990	Hitachi, LTD.		
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Examiner Signature	GARG	Date Considered	13/07

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known						
Application Number	09/903,457					
Filing Date	07/10/2001					
First Named Inventor	Kuriacose Joseph					
Group Art Unit	2166					
Examiner Name	Kalinowski, A.					
Attorney Docket Number	5214P001RD3					

			OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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Application Number	09/903,457				
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First Named Inventor	Kuriacose Joseph				
Art Unit	2166				
Examiner Name	Kalinowski, A.				
Attorney Docket Number	5214P001RD3				

			U.S. PATE	NT DOCUMENTS	
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (If known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known 09/903,457 **Application Number** 07/10/2001 Filing Date **First Named Inventor** Kuriacose Joseph **Group Art Unit** 2166 Kalinowski, A. Examiner Name **Attorney Docket Number** 5214P001RD3

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Examiner Initials	Cite No.1	item (book, magazine, journal, sarial, symposium, catalog, etc.), date, page(s), volume-issue	י
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Signature	41.24	Considered '	10/01

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#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	09/903,457				
Filing Date	07/10/2001				
First Named Inventor	Kuriacose Joseph				
Art Unit	2166				
Examiner Name	Kalinowski, A.				
Attorney Docket Number	5214P001RD3				

			U.S. PATE	ENT DOCUMENTS		]
Examiner Initiats		Document Number Number-Kind Code <sup>2</sup> (# known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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IN	FOR	MATION	DISCI	OSLIBE	Application Number		09/903,457	
					Filing Date		July 10, 200	1 ,
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		·		CLOSURE	Application Number		903,457		
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				MAY 0 9 2002	Examiner Name	Ka	linowsk	i, A.	
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2 **Sheet** 1 of

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Application Number	09/903,457				
Filing Date	July 10, 2001				
First Named Inventor	Kuriacose Joseph, et al.				
Group Art Unit	3626				
Examiner Name	Kalinowski, A.				
Attorney Docket Number	5214P001RD3				

				U.S. PATENT DOCUMENTS		· · · · · · · · · · · · · · · · · · ·
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'Unique citation designation number. \*See attached Kinds of U.S. Patent Documents. \*Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here if English language Translation is attached.

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			201125	Application Number	09/903,457			
INFO	RMATION I	DISCL	OSURE	Filing Date	July 10, 2001			
STATEMENT BY APPLICANT				First Named Inventor	Kuriacose Joseph, et al.			
יאוט				Group Art Unit	3626			
		<del></del>		Examiner Name	Kalinowski, A.			
Sheet	2	of	2	Attorney Docket Number	5214P001RD3			

		OTHER ART - NON PATENT LITERATURE DOCUMENTS	<del></del>
xaminer nitials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ'
WZ		SATELLITE BROADCASTING AND COMMUNICATIONS ASSOCIATION; SSBCA Satellite Industry Key Dates; http://www.scba.com/ket_data.html; LBRT167554-LBRT167552; copyright 1998-2002; pp. 1-15.	
1		FLORIDA TODAY SPACE ONLINE; "GE pacenet to Merge with Gilat"; http://www.floridaoday.com/space/explore/stories/1998b/100498f.htm; October 4, 1998; LBRT167572-LBRT167577.	
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Application Number	09/903457	DEC 1	3 2002
Filing Date	July 10, 2001		- 5005
First Named Inventor	Joseph Kuriac	POLICE OF THE PROPERTY OF THE	D 260
Group Art Unit	2166	GHUU	T 30U
Examiner Name	Kalinowski. A	lexander G.	1
Attorney Docket Number	5214P001RD		

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.'	U.S. Patent (	Cocument Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Oate of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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	Complete If Known RECEVED
Application Number	09/903.457
Filing Date	July 10, 2001
First Named Inventor	Ioseph Kuriacose 3600
Group Art Unit	2166 GROUP 30
Examiner Name	Kalinowski, Alexander G.
Attorney Docket Number	5214P001RD <b>3</b>

				PATENT DOCUMENTS	3	
Examiner Initials*	Cite No.'			me of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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8		5,973,747	Goreta		10-26-1999	
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<sup>&#</sup>x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). "For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known Application Number 09/903457 Filing Date July 10, 2001 First Named Inventor Joseph Kuriacose **Group Art Unit** 2166 **Examiner Name** Kalinowski, Alexa Attorney Docket Number

5214P001RD3 OTHER ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, Examiner magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or Initials\* country where published. SMITHSON, P.M., et al., "The Development of an Operational Computer Based Satellite Data Broadcasting System", Tenth International Conference on Digital Satellite Communications (Conf. Publ. No. 403) Pat vol. 2 p. 405-12 Vol. 2, Publisher IEEE, London, UK, Publication date: 1994 Country of Publication: UK 2 vol. (712) pp. FUJIMOTO, et al., "Matsushit Data Multiplex System For Satellite Communications", Journal: National Technical Report, Vol. 39, No. 3, p.316-23, Publication Date: June 1993, Country of Publication: Japan CHOUINARD, G., "Broadcasting of HDTV: Beyond the Vision Signal", Third International Colloquium on Advanced Television Systems: HDTV '87. Colloquium Proceedings, p. 4/7/1-23, Publisher: CBC Eng, Montreal, Que., Canada, Publication Date: 1988 Country of Publication: Canada 2 Vol. (674+148) pp., p. Vol. 1 CHAMBERS, J.P., "BBC Datacast-The Transmission System", Journal: Electronics & Wireless World, Vol. 92, No. 1609, p. 95-8, Publication Date: Nov. 1986, Country of Publication: UK STALLARD, W.G., "Data Broadcasting", Corporate Source: Independent Broadcasting Authority, London, Engl, Source: IBA Technical Review (Independent Broadcasting Authority) n 24, Nov 1988, p 48-49, Publication Year: 1988 NISHIZAWA TAIJI, et al., Jpn. Broadcast, Corp, Sci. and Tech. Res. Lab.; Tokyo Bradcast. Syst., Inc.; Matsushitadenkisangyo Eizoonkyojohoken Terebijon Gakkaishi (Journal of the Institute of Television Engineers of Japan), 1994, VOL. 48, NO. 7, PAGE. 794-803, FIG. 4, TBL. 4, REF. 56, JOURNAL NUMBER: F0330ABG, ISSN NO: 0386-6831 MUKUHIRA YASUHIRO, et al., VPT System for VHS VCR, Sanyo Electric Co., Ltd., Sanyo Tech Rev, 1990, VOL. 22, NO. 1, PAGE 3-9, FIG. 7, REF 5, JOURNAL NUMBER: F0222AAV ISSN NO: 0285-516X CODEN: STRVD

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**Sheet** 

Application Number

Application Number

O9/903457

Filling Date

July 10, 2001

First Named Inventor

Group Art Unit

Examiner Name

Complete If Known

O9/903457

July 10, 2001

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Joseph Kuriacose

2166

Kalinowski, Alexander G.

	•	OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials* Cite No.'		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
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Application Number	09/903457	HL
Filing Date	July 10, 2001	DEC
First Named Inventor	Joseph Kuriaco	se
Group Art Unit	2166	000
Examiner Name	Kalinowski, Al	exactado
Attorney Docket Number	5214P001RD 3	

		OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Cite No.'		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
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Application Number 09/09/1457

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Application Number 09/903457
Filing Date July 10, 2001
First Named Inventor Joseph Kuriacose
Group Art Unit 2166

Sheet 4 of 8 Examiner Name Kalinowski, Alexander 5214P001RD3

	-	OTHER ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	L,
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number 09/903.457 DEC 1
Filing Date July 10, 2001
First Named Inventor Joseph Kuriacose
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Group Art Unit 2166
Examiner Name Kalinowski, Alexander G.
Attorney Docket Number 5214P001RD-3

		OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
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	<del></del>	Menu Object, Description: A Menu Object, An Image Bitmap, Palette_Colors-Number of colors in palette, Adaptive Micro-Ware, Inc.					
		Menu Header, Description: A Menue Header, Entry_Count - The number of header entries to follow., Menu Scroll, Description: A menu scroll, Menu Footer, Description: A menu footer, Info Block, Description: An information block, Adaptive Micro-Ware, Inc.					
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	Application Number	109/903.457 DECT	3 5005
	Filing Date	July 10, 2001	1 26(1V
	First Named Inventor	Joseph Kuriacose	Ih 200
	Group Art Unit	2166	-
_	Examiner Name	Kalinowski, Alexander G.	
	Attorney Docket Number	5214P001RD3	

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First Named Inventor	Jessup, Ansley	0	Z
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Attorney Docket No	: 5214P001RD3	36	004

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Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE STATEMENT BY APPLICANT 09/903,457 **Application Number** July 10, 2001 Filing Date (Use as many sheets as necessary) **First Named Inventor** Joseph, Kuriacose JUN 15 7007 3626 **Group Art Unit** Kalinowski, Alexander **Examiner Name** Attorney Docket No: 2050.001US6 Sheet 1 of 1

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